

## ABSTRACT OF THE DISCLOSURE

A sensor in a car window prevents dew from being formed only on a lens in a hood thereof and the car window even when temperature changes, and also protects the lens and the car window from contamination by floating particulates, such as cigarette smokes. The sensor in a car window is formed of a camera that has a hood partitioned in consort with the car window from a vehicle compartment area, and a camera main body that includes a lens projecting within the hood and detects, through the lens, an object located in front thereof. A breathable dustproof filter is provided on a part of the hood.